Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032025\
Data File : BP024187.D
Acq On : 20 Mar 2025 09:30
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020667

Quant Time: Mar 20 14:52:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 14:51:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	442126	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.522	136	1947446	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.380	164	1274319	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.186	188	2515198	20.000	ng/ul	-0.01
79) Chrysene-d12	21.645	240	2274313	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	1834765	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	98175	8.845	ng/uL	-0.01
4) Pyridine-d5	3.675	84	686024	21.486	ng/ul	0.00
7) Phenol-d5	6.922	99	843880	21.512	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.081	67	496536	22.985	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.287	132	683627	22.702	ng/ul	0.00
15) 4-Methylphenol-d8	8.451	113	689203	22.252	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	340562	21.658	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	374682	22.823	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.145	165	661679	22.415	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.657	131	990221	21.948	ng/ul	-0.01
46) Dimethylphthalate-d6	13.786	166	2026935	21.950	ng/ul	-0.01
49) Acenaphthylene-d8	14.069	160	2323732	21.696	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.598	143	370610	19.604	ng/ul	0.00
60) Fluorene-d10	15.392	176	1703301	21.710	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	359100	22.613	ng/ul	0.00
73) Anthracene-d10	17.292	188	2670306	21.755	ng/ul	0.00
81) Pyrene-d10	19.668	212	3029136	26.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.803	264	2125455	22.345	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	102376	8.746	ng/uL	98
5) Pyridine	3.693	79	703545	21.761	ng/ul	99
6) Benzaldehyde	6.893	77	524841	25.949	ng/ul	99
8) Phenol	6.951	94	890355	21.841	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.169	93	707451	22.811	ng/ul	99
12) 2-Chlorophenol	7.316	128	710587	22.626	ng/ul	99
13) 2-Methylphenol	8.187	108	651762	21.878	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.257	45	781360	24.023	ng/ul	99
16) Acetophenone	8.557	105	1094379	22.828	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.546	70	533851	23.744	ng/ul	99
18) 4-Methylphenol	8.510	108	734195	22.240	ng/ul	99
19) Hexachloroethane	8.816	117	278822	22.266	ng/ul	99
22) Nitrobenzene	8.934	77	770797	21.798	ng/ul	100
23) Isophorone	9.457	82	1482311	22.380	ng/ul	99
25) 2-Nitrophenol	9.640	139	411178	22.616	ng/ul	99
26) 2,4-Dimethylphenol	9.704	107	736148	22.591	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	955938	22.687	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	674066	22.358	ng/ul	99
30) Naphthalene	10.575	128	2308484	21.892	ng/ul	100
32) 4-Chloroaniline	10.681	127	941597	21.877	ng/ul	98
33) Hexachlorobutadiene	10.863	225	409276	22.170	ng/ul	99
34) Caprolactam	11.463	113	230516	20.134	ng/ul	96
35) 4-Chloro-3-methylphenol	11.816	107	718566	22.907	ng/ul	98
36) 2-Methylnaphthalene	12.186	142	1595813	22.431	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1587351	22.573 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	808544	20.995 ng/ul	99
40) Hexachlorocyclopentadiene	12.539	237	402809	20.126 ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	534703	22.071 ng/ul	99
42) 2,4,5-Trichlorophenol	12.875	196	573572	21.750 ng/ul	98
43) 1,1'-Biphenyl	13.204	154	2066037	21.320 ng/ul	99
44) 2-Chloronaphthalene	13.245	162	1606323	21.370 ng/ul	100
45) 2-Nitroaniline	13.451	65	415402	21.243 ng/ul	99
47) Dimethylphthalate	13.833	163	2011695	21.777 ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	407575	22.498 ng/ul	99
50) Acenaphthylene	14.098	152	2507261	21.606 ng/ul	99
51) 3-Nitroaniline	14.286	138	434988	20.653 ng/ul	99
52) Acenaphthene	14.445	153	1740108	21.302 ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	235614	20.863 ng/ul	97
55) 4-Nitrophenol	14.610	109	255161	19.470 ng/ul	99
56) Dibenzofuran	14.786	168	2437193	21.637 ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	596243	22.111 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	492177	22.694 ng/ul	99
59) Diethylphthalate	15.222	149	2054667	22.467 ng/ul	99
61) Fluorene	15.451	166	1993715	21.650 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	986105	22.167 ng/ul	98
63) 4-Nitroaniline	15.475	138	445002	21.472 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.533	198	391870	22.612 ng/ul	98
67) N-Nitrosodiphenylamine	15.657	169	1705428	22.240 ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	623915	22.512 ng/ul	99
69) Hexachlorobenzene	16.480	284	755444	22.440 ng/ul	97
70) Atrazine	16.645	200	652375	23.497 ng/ul	99
71) Pentachlorophenol	16.833	266	460251	21.782 ng/ul	99
72) Phenanthrene	17.233	178	3099114	21.552 ng/ul	100
74) Anthracene	17.327	178	3131722	21.616 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	799902	21.119 ng/uL	98
76) Pentachlorobenzene	14.704	250	876016	22.119 ng/uL	99
77) Carbazole	17.604	167	2815727	21.405 ng/ul	100
78) Di-n-butylphthalate	18.204	149	3595511	23.467 ng/ul	100
80) Fluoranthene	19.321	202	3535704	26.616 ng/ul	99
82) Pyrene	19.692	202	3726887	26.035 ng/ul	99
83) Butylbenzylphthalate	20.657	149	1441773	24.978 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	869494	19.113 ng/ul	99
85) Benzo(a)anthracene	21.621	228	3264161	21.936 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.568	149	2067196	23.865 ng/ul	99
87) Chrysene	21.698	228	3015724	21.577 ng/ul	100
89) Di-n-octyl phthalate	22.862	149	2724148	25.433 ng/ul	100
90) Benzo(b)fluoranthene	23.956	252	2650730	24.290 ng/ul	100
91) Benzo(k)fluoranthene	24.033	252	2591109	23.393 ng/ul	99
93) Benzo(a)pyrene	24.874	252	2333180	22.611 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.868	276	2666766	19.544 ng/ul	100
95) Dibenzo(a,h)anthracene	28.939	278	2182572	19.701 ng/ul	99
96) Benzo(g,h,i)perylene	30.062	276	2034363m	19.213 ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report   (QT Reviewed)

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